



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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UTAH DIVISION OF OIL, GAS AND MINING  
FACSIMILE COVER SHEET

DATE:

4/17/97

FAX #

801 857-1288

ATTN:

DUANE WISE

COMPANY:

FROM:

T. MONSON

DEPARTMENT:

NUMBER OF PAGES BEING SENT (INCLUDING THIS ONE):

3

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.

We are sending from a Sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES:

INFO SENT TO US ON BONDING

FROM FEB. 21, 1997. The BLM needs

updated info and all our paperwork

needs to give with the BLM. Include  
the road etc. or bond calcs.

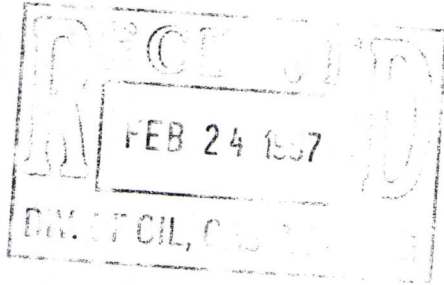
Tom

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M023/024

# ASH GROVE CEMENT COMPANY

Western Region  
P.O. Box 51  
Nephi, Utah 84648  
801-857-1212



Feb. 21, 1997

Ash Grove Cement Company  
County Canyon Shale Quarry

Mr. Tom Munson  
Senior Reclamation Specialist

Dear Sir:

Following your February 15 on site visit to our County Canyon shale pit, I am forwarding to you a copy of the revised "County Canyon Mining Plan Addendum" reflecting your suggestions, which were (1) Side canyon drainage, (2) Final pit configuration, (3) and reclamation update and estimate. Soil sampling was done in September of 1992, and June of 1994; thus we believe eliminating any need for additional work in this area. Updated maps and sketches are also enclosed for inclusion into the original plan.

Respectfully submitted,

Duane Wise  
Surveyor, Engineering Dept.  
Ash Grove Cement Company



## RECLAMATION ESTIMATE FEB 1997

1. Ripping and regrading pad 8.8 ac  $\$75/\text{hr} \times 20 \text{ hrs} = \$1500.00$
  2. Regrading side slopes 4.31 ac  $\$75/\text{hr} \times 20 \text{ hrs} = \$1500.00$
  3. Side canyon drainage  $\$75/\text{hr} \times 5 \text{ hrs} = \$375.00$
  4. Water bar construction, final grading  $\$75/\text{hr} \times 5 \text{ hrs} = \$375.00$
  5. Placing topsoil 17.358 ac  $\times 8"/12" \div 27 = 18,670 \text{ yd} \times 0.96 = \$17922.00$
  6. Scarify, fert. and seed 17.350  $\times \$225/\text{ac} = \$3905.00$   
seed  $\$2170.00$
  7. Reclamation supervision 21 hrs  $\times \$30/\text{hr} = \$720.00$
- |                 |             |
|-----------------|-------------|
|                 | -----       |
|                 | \$28467.00  |
| 10% contingency | 2846.00     |
|                 | -----       |
|                 | \$31,313.00 |

## VI. VARIANCE (Rule R647-4-112)

Please identify any requests for variance from the requirements of rules R647-4-107, -108, or -111. A narrative justification must also be included for each variance request. A discussion of any alternate methods or other mitigating measures should be included, if applicable.

N.A.

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## VII. SURETY (Rule 647-4-113)

### Reclamation Surety:

Indicate whether the proposed activities will change the amount of work required to reclaim the minesite. If significant changes will result, then an itemized reclamation cost estimate should be provided (and attached) with direct reference to the specifics of the proposed